Amendments to and listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) <u>DeviceA device</u> for separating magnetic or magnetizable particles (30) from a liquid by using a magnetic field, <u>wherein-said-the</u> device (1) <u>comprises</u> comprising:

two limbs (2, 3) made of a soft-magnetic material, each limb forming a magnetic pole;

- an air gap between the two poles (4, 5) of the limbs (2, 3) there is an air gap (12) which is, the air gap being suitable for receiving at least one container or a plurality of containers (9, 10);

- a head piece (8) is arranged in a fixed or detachable manner on one of the two poles (4), and at least one magnetizable bar or a plurality of magnetizable bars (7) is/are disposed vertically in a fixed or movable manner on saidthe head piece, in the vertical direction;

 a at least one permanent magnet (15) or a group of at least two permanent magnets is movably arranged on at least one point of the device, such that for producing a magnetic field (17) can be produced between the two poles (4, 5) and, wherein the magnetic field ean be activated or deactivated by moving the magnet(s) (15), and wherein; and

 that a material arranged at least partially surrounding a region of the device wherein where the at least one movable magnet(s) is/are arranged is at least partially surrounded by a material (20) which screens is located to screen the magnetic field.
- 2. (Currently Amended) Device The device according to claim 1, characterized in that wherein the two limbs (2, 3) are connected with each other at the side (6) opposite the poles (4, 5) and, thereby form forming a magnetic circuit (iron circuit).
- 3. (Currently Amended) Device The device according to claim 1 or 2, characterized in that 2, wherein the at least one movable magnet(s) is/are arranged to be movable within the iron circuit such that they are movable, particularly rotatable, or that the magnet(s) is/are

arranged such that it/they can be moved into the magnetic circuit from the outside and then again out of the saidmagnetic circuit.

- 4. (Currently Amended) Device The device according to any one of the preceding claims, characterized in that the region of the device claim 3, wherein the movable magnet(s) is/are arranged rotatable within the iron circuit is at least partially surrounded by a material which screens the magnetic field magnetic circuit.
- 5. (Currently Amended) Device according to any one of the preceding claims, characterized in that in the case of the magnet(s) moving within or into the iron circuit, the region of the device wherein the movable magnet(s) The device according to claim 2, wherein the at least one movable magnet is/are arranged within the iron circuit is at least partially surrounded by a material which screens the magnetic field arranged to be movable into the magnetic circuit from outside and then again out of the magnetic circuit.
- 6. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the permanent magnet(s) are claim 1, wherein the at least one movable magnet is arranged such that they are to be rotatable or tiltable, in a recess (16) of the device provided for that purpose.
- 7. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the permanent magnet(s) claim 1, wherein the at least one movable magnet is are provided arranged in a displaceable manner; in a recess (16) of the device provided for that purpose.
- 8. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the permanent magnet(s)claim 5, wherein the at least one movable magnet is/are arranged on a rotatable support (40) by means of which the said permanent teast one movable magnet(s) can be moved into the magnetic circuit and then again

out of the-said circuit.

- 9. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the claim 1, wherein movement of the permanent at least one movable magnet(s) is accomplished by means of an electric motor or by, pneumatic or hydraulic means drive.
- 10. (Currently Amended) Device The device according to any one of the preceding claims, characterized in that the claim 1, wherein an extent of the movement, particularly the rotation angle or the distance of displacement, of the permanent magnet(s) movement of the at least one movable magnet can be predetermined in order to set the magnetic field strength to a desired value.
- 11. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the claim 1, wherein a region of the magnetic circuit wherein in which the at least one movable magnet(s) is/are arranged is completely surrounded by athe material which screens the magnetic field, said the screening preferably being provided in the form of a short circuit ring (20).
- 12. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the said claim 1, wherein the head piece (8) is movable in the horizontal plane, preferably for carrying out a shaking motion.
- 13. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that the said claim 1, wherein the head piece (8) carries a plurality of the magnetizable bars (7) arranged in rows.
- 14. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that claim 1, wherein the head piece (8) is attached to one of the two

poles in a replaceable detachable manner.

- 15. (Currently Amended) Device according to any one of the preceding claims, eharacterized in that the said bar(s) (7) are The device according to claim 1, wherein the at least one magnetizable bar is arranged in a rotatable manner and ean preferably be rotated is rotatable around thea longitudinal axis by means of an electromotive drive.
- 16. (Currently Amended) Device according to any one of the preceding claims, characterized in that the said bar(s) (7) are each The device according to claim 1, wherein the at least one magnetizable bar is covered with a strippable, replaceable envelope (25).
- 17. (Currently Amended) Device The device according to any one of the preceding claims, characterized in that claim 1, wherein at least one holding device (11)holder for the said at least one container(s) (9, 10) is associated to said with the device, which holding device (11) is the at least one holder being suitable for positioning the at least one container(s) below the said head piece and the bars arranged thereon.
- 18. (Currently Amended) Device The device according to claim 17, eharacterized in that the said holding device(s) can be moved in the wherein the at least one holder is movable in a horizontal plane and/or vertically, preferably by an electromotive drive or by, pneumatic or hydraulic means drive.
- 19. (Currently Amended) Device The device according to claim 18, eharacterized in that the holding device(s) is/are wherein the at least holder is adapted for carrying out shaking movements.
- 20. (Currently Amended) Device The device according to any one of claims 17 to 19, characterized in that the holding device(s) is/areclaim 17, wherein the at least holder is a component of a program-controlled laboratory robot system and is/are adapted such that to are

alternately move groups of or a plurality of individual ones of the said containers or of groups of such containers, particularly microtitre plates, are alternately moved into a position below the said bars and subsequently, after a predeterminable predetermined time interval, again into a position which is outside the region below the bars, and wherein the groups or plurality of containers comprise microtiter plates.

- 21. (Currently Amended) Device according to any one of claims 17 to 20, characterized in that the vertical motion of the holding device(s) (11) can be open-loop controlled or closed-loop The device according to claim 18, wherein the at least one holder is moved vertically, the vertical movement being controlled by an open-loop control unit or a closed-loop control unit, in such a manner that in the case of an upward movement of the at least one holder causes an immersion of the bars (7) into the liquid-filled containers (10) is caused liquid in the at least one container.
- 22. (Currently Amended) Device The device according to any one of the preceding elaims, characterized in that claim 1, further comprising a program-controlled processor is associated to with the device and is connected therewith thereto, by means of which at least one of the following functions of the device ean be controlled by open-loop controlled control or closed-loop controlled control, or by means of which at least two of the following functions mentioned below can be are coordinated with one another:
- movement of the permanentat least one movable magnet(s) to activate and deactivate the magnetic field, particularly the including at least one of duration of the activated and deactivated phases, as well as and magnetic field strength;
- rotation speed and duration of rotation in the case of rotatable bars;
- movement of the head <u>piece</u> in a horizontal plane, <u>particularly including at least one of</u> duration, frequency and amplitude of a shaking motion;
- movement of the holding device(s) at least one holder to position the at least one container(s) or groups of containers alternately below the bars and subsequently to remove them the at least one container from that position, particularly the including at least one of

velocity and frequency of the movements, as well as the movement and dwell time of the holding device at least one holder below the bars at least one bar;

- vertical movement of the holding deviceat least one holder to immerse the at least one bar/the bars into the liquid of the at least one container(s) and remove the same therefrom;

 particularlyliquid from the at least one container, including immersion depth, duration and frequency; of the vertical movement; and

 if provided, rotation or shaking motion of the holding device(s), particularly at least one holder, if provided, including rotation speed, rotation amplitude and intervals between the individual operation phases of the rotation or shaking motion.
- 23. (Currently Amended) Device The device according to claim 1, further comprising at least one or more of the preceding claims, characterized in that one or more of the belowmentioned means are of the following means associated to with the said device, the wherein functions of said the means being are coordinated with the functions of the said device by means of a common control:
- -<u>at least</u> one or more thermostattable heating or cooling means;
- <u>at least</u> one or more pipetting station for metered addition of liquids, especially including reagents;
- -<u>at least</u> one or more suction means for exhausting liquid from the containers at least one container by suction;
- -<u>at least</u> one-or more means for shaking or intermixing the liquids contained in the containers; at least one container; and
- analytic apparatuses, particularly for photometric measuring or luminescence detection.
- 24. (Currently Amended) <u>DeviceA method</u> for separating a target substance from a mixture of substances <u>which is</u>-present in liquid form, <u>the method</u> comprising the following steps:
- a) addition of a) adding to the mixture magnetic or magnetizable particles that

 have having specific binding properties in relation to the target substance;

- placing a pre-determined volume of the mixture in thean air gap between the two poles of a magnetic circuit and immersing a magnetizable bar into the mixture, saidthe bar being connected with one of the said poles of the magnetic circuit, and thea magnetic field of the circuit being initially deactivated;
- c) activating the magnetic field by changing the position of a permanent magnet arranged in or on the magnetic circuit, wherebythe change of position causing the bar isto be magnetized and the particles to accumulate at and substantially at the adhere to a lower end of the bar;
- d) immersing the bar, together with the particles adhering thereto, into a predetermined volume of a liquid that causes the elution of the target substance from the particles; and
- e) lifting the bar out of from the elution liquid.
- 25. (Currently Amended) <u>Process The method</u> according to claim 24, <u>characterized</u> in that wherein, following step d), the following steps are performed:
 - f) deactivating the magnetic field by an opposite change of the position of the permanent magnet, wherebysuch that the particles are released into the <u>elution</u> liquid;
 - g) mixing the particles in the elution liquid;
 - h) activating the magnetic field by changing the position of athe permanent magnet arranged in or on the magnetic circuit, whereby such that the bar is magnetized and the particles accumulate at and substantially atachere to the lower end of the bar; and
 - i) lifting the bar out of from the elution liquid.
- 26. (Currently Amended) <u>Process The method</u> according to claim <u>24 or 25</u>, <u>eharacterized in that 24</u>, <u>wherein</u>, following step c), the following steps are performed:
 - k) immersing the bar, together with the particles adhering thereto, into a predetermined volume of a wash liquid;
 - l) deactivating the magnetic field by an opposite change of the position of the permanent magnet, whereby such that the particles are released into the wash liquid;

- m) mixing the particles in the wash liquid;
- h) activating the magnetic field by changing the position of <u>athe</u> permanent magnet <u>arranged in or on the magnetic circuit</u>, <u>whereby such that</u> the bar is magnetized and the particles accumulate <u>at and substantially atachere to</u> the lower end of the bar;
- 1) lifting the bar out of from the elution wash liquid; and
- m) elution of eluting the target substance, as in steps d) and e) of claims 24, or according to claim 25.
- 27. (Currently Amended) 27. Process according to any one of claims 24 to 26, characterized in that it is carried out by using a device according to any one of claims 1 to 23. A method for separating a target substance from a mixture of substances present in liquid form using the device of claim 1.